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File 351:Derwent WPI 1963-2002/UD,UM &UP=200261

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Set Items Description

?ss pn=de 10050168

S1 1 [PN=DE 10050168

?t sl/3/all

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DIALOG(R)File 351:Derwent WPI

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014127920 **Image available**

WPI Acc No: 2001-612130/ 200171

XRPX Acc No: N01-456916

Roof module, for motor vehicles, consists of outer thin-walled roof skin, internal lining, and two internal hollow bodies for stiffening purposes and to supply air into vehicle interior

Patent Assignee: ACTS GMBH & CO KG (ACTS-N)

Inventor: QUINT A; ROS M E; SCHMIDT W

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 10050168	C1	20011108	DE 1050168	A	20001010	200171 B

Priority Applications (No Type Date): DE 1050168 A 20001010

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
DE 10050168	C1	5	B60R-013/02	

?t sl/9/all

1/9/1

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Priority Applications (No Type Date): DE 1050168 A 20001010

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DE 10050168	C1	5	B60R-013/02	

Abstract (Basic): DE 10050168 C1

NOVELTY - The module has an outer roof skin (2) and an inner lining (2') with foam padding (5) on the side facing the vehicle interior (19). Two or more plate-shaped connected hollow bodies (3,4) are positioned between foam padding and outer roof skin. The first body facing the outer skin is shaped like the skin, and fastened to it. Both bodies are reinforced by internal stiffener parts (10,11).

DETAILED DESCRIPTION - Each hollow body serves to supply air into the interior, and is connected to air intakes and air outlets (18). One body is for cold air, the other for warm air, and an air mixer device

(12) is located inside the roof lining.

USE - Motor vehicles.

ADVANTAGE - Can be pre-assembled, easy and low-cost fabrication, permits generation of different climatic zones within vehicle.

DESCRIPTION OF DRAWING(S) - Figure shows section through part of roof module.

outer roof skin (2)
inner lining (2')
hollow bodies (3,4)
foam padding (5)
stiffeners (10,11)
air mixer (12)
air intakes/outlets (18)
vehicle interior (19)
pp; 5 DwgNo 1/2

Title Terms: ROOF; MODULE; MOTOR; VEHICLE; CONSIST; OUTER; THIN; WALL; ROOF
; SKIN; INTERNAL; LINING; TWO; INTERNAL; HOLLOW; BODY; STIFFEN; PURPOSE;
SUPPLY; AIR; VEHICLE; INTERIOR

Derwent Class: Q12; Q17

International Patent Class (Main): B60R-013/02

International Patent Class (Additional): B60H-001/24

File Segment: EngPI

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?ss pn=de 10022902

S2 1 PN=DE 10022902

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2/9/1

DIALOG(R)File 351:Derwent WPI

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013707389 **Image available**

WPI Acc No: 2001-191613/200119

XRPX Acc No: N01-136150

Covering or molded element with high absorbing effect for use in vehicle components; has at least one microperforated film absorber and either at least one absorber of foam or fleece or space

Patent Assignee: CLION IRLAND LTD (CLIO-N); HP-CHEM PELZER RES & DEV LTD (HPCH-N)

Inventor: CHUONG D; NICOLAI N; FUCHS H V

Number of Countries: 095 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200112470	A1	20010222	WO 2000EP7459	A	20000802	200119 B
DE 10022902	A1	20010308	DE 1022902	A	20000511	200121
AU 200066988	A	20010313	AU 200066988	A	20000802	200134
EP 1202874	A1	20020508	EP 2000954582	A	20000802	200238
			WO 2000EP7459	A	20000802	

Priority Applications (No Type Date): DE 1022902 A 20000511; DE 1038005 A 19990811

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200112470 A1 G 26 B60R-013/08

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

DE 10022902 A1 B60R-013/08

AU 200066988 A B60R-013/08 Based on patent WO 200112470

EP 1202874 A1 G B60R-013/08 Based on patent WO 200112470

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI

Abstract (Basic): WO 200112470 A1

NOVELTY - Element has at least one microperforated film absorber